

RU2216105. Abstract

FIELD: mobile code- division multiple access communication systems. SUBSTANCE: upon receiving request on channel allocation for system mobile station message is generated that includes information about establishment of communication incorporating channel information pointing to Walsh code to be used for channel allocated by given mobile station and index of quasi- orthogonal function. Base station controller generates message acknowledging communication establishment and upon reception of acknowledgement message allocates channel to mobile station. EFFECT: enlarged number of channels without reducing orthogonality among existing channels. 7 cl, 12 dwg, 6 tbl

| | |
|--|---|
| Status | of 05.12.2008 - operates |
| (11) Number of the patent document | 2216105 |
| (13) Kind of document | C2 |
| (14) Document date | 2003.11.10 |
| (19) Publishing country or organization | RU |
| (21) Application number registered | 2001101431/09 |
| (22) Application filing date | 2000.05.12 |
| (24) Date started of validity of the patent | 2000.05.12 |
| (31) Priority application number | 60/133,790 |
| (32) Date of filing of priority application | 1999.05.12 |
| (33) Alloting country or organization | US |
| (45) Date | 2003.11.10 |
| (516) Edition of IPC | 7 |
| (51) Main classification IPC | H04B7/26 |
| Title | CHANNEL ALLOCATION METHOD FOR BASE STATION IN MOBILE COMMUNICATION SYSTEM |
| (71) Applicant information | SAMSUNG EhLEKTRONIKS KO., LTD. (KR) |
| (72) Inventor information | LI Khiun-Seok (KR) |
| (72) Inventor information | ChANG Jong (KR) |
| (73) Grantee (assignee) information | SAMSUNG EhLEKTRONIKS KO., LTD. (KR) |
| (74) Attorney, agent, representative information | Kuznetsov Jurij Dmitrievich |
| (85) PCT date art. 22/39 | 2001.01.11 |
| (86) PCT or regional filing information | KR 00/00452 (12.05.2000) |
| (87) PCT or regional filing information (publ.) | WO 01/01609 (04.01.2001) |
| Mail address | 129010, Moskva, ul. B. Spasskaja, 25, str.3, OOO "Juridicheskaja firma Gorodisskij i Partnery", pat.pov. Ju.D.Kuznetsovu, reg.№ 595 |